

H 6310 =
6360

Sept. 7-7

1915

9

Hour: 10:26:30 A. M. to 10:27:30 A. M.
Tillamook Head Light bears $N 65\frac{1}{2}^{\circ} E$ (true) distant
Position: Lat. Long. 27.4 miles

Depth: 120 fath Bottom: gn M. (blk) Sample:

Sea: Sky:[illegible][illegible]

Transparency:

11—5314

KS: 11-5314
O O R - Mr Glick
Rec - Baker & Mc Long.

NETS, ETC., USED

[illegible]

11—5314

NOTES

A 14

Do 10 77

21 p

10,26.50

10. 29135-

10.27:40

10. 28:00

Chart 6100

191 §

Rec - C. H. DeLong.

52

[illegible]

11—5314

NOTES

AM

Down

210

10 : 44 : 15

10 : 46 : 50

10:45:00

10 : 45 : 15

Position: Tillamook Head Light bears $N 64\frac{1}{2}^{\circ} E$
(true) distant 26.6 miles
Chart 6100

Station No. *H-6312* Date: *Sept 7* 191*5*

Hour: 11:01:20 A. M. to 11:03:40 A. M.

Position: Lat. _____ Long. _____

Locality:

Depth: 105 fath Bottom: gn. M. Sample:

Wind: Direction, Force,

Sea: *22* Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

OOD - Mr. Glick
Rec - C.E. DeLong.

Elec Sounding
 30th Less
 Soft Soap armung

NOTES

A 17

Down 21 p

11:01 : 20 11:03 : 40
11:02 : 05 11:02 : 15

Position: Tillamook Head Light bears $N 63\frac{1}{2}^{\circ} E$
(true) distant 25.8 miles
Chart 6100

NETS, ETC., USED

[illegible]

11-5314

NOTES

NOTES *AM*
down up
11.17.45 11.21.25
11.18.25 11.20.15
*

Position: Tillamook Head Light bears $N 62\frac{1}{2}^{\circ} E$
distant 25.3 miles
Chart 6100

H. 6314

Date:

Date: Sept 7

191

Hour: 11.36.00 A. M. to 11.38.10 A. M.

Position: Lat.

Long.

Locality:

Off Columbia River

Depth:

103

Bottom:

Green mud.

Sample:

Wind: Direction,

86

Force,

2

Sea:

M.

Sky:

bc

TEMPERATURES

Peter

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Transparency:

Off of back of. Slick
W. Rec. Parker

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
304.2 11				

11-5314

NOTES

21 10 11 56 10
 36 43 11 37 10

Position: Tillamook Head Light bears N 61° E
 distant 24.5 miles
 Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Platystrogon iadum</i>				
<i>4 11 1</i>				

11-5314

NOTES

Position Tillamook Head Light bears $N 60^{\circ} E$
 (true) distant 23.8 miles
 Chart 6100

191

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
3000 ft Wm. 1912 Sept 1				

11-5314

NOTES

11 P.M.

Position: Tillamook Head Light bears $N 58\frac{1}{2}^{\circ} E$
 (true) distant 23.1 miles
 Chart 6100

Station No. H 6317 Date: Sept 7 1915

Hour: 12:42:10 P. M. to 12:44:16 P. M.

Position: Lat. Long.

Locality: 2000

Depth: 99 Bottom: gn. M. Sample:

Wind: Direction, *S. by E* Force, *2*

Sea: M Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

Wm. H. H. H. H.

NETS, ETC., USED

[illegible]

11—5314

NOTES

12:42.10 12:44.15

12 73 20 12 8. 20

Position: Tillamook Head Light bears $N 58\frac{1}{2}^{\circ} E$
(true) distant 24.2 miles
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
30' lead, soft. soap arm				

11-5314

NOTES P.M.

Down Up
 12:57:50 1:00:00
 12:58:40 12:59:00

Position: Tillamook Head Light bears $N 58\frac{1}{2}^{\circ} E$
 (true) distant 25.2 miles
 Chart 6100

2 1915

Sea: *bc* Sky: *bc*

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect Sounding 30 th Lead, soft soap arming				

11-5314

NOTES P.M.

Down Up

11:15 11:17

11:17 11:20

Position; Tillamook Head Light bears $N 58\frac{1}{2}^{\circ} E$
(true) distant 26.2 miles.
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect sounding, 20 th lead, 2 qt. f, soap arming				

11-5314

NOTES PM

Down	Up
1 : 20 : 40	1 : 21 : 00
1 : 30 : 30	1 : 30 : 40

Position: Tillamook Head Light bears $N 58\frac{1}{2}^{\circ} E$
(true) distant 27.4 miles
Chart 6100

Date: _____

191

Hour: 1:46:30 P. M. to 1:48:45 P. M.

Position: Lat. Long.

Locality: *Chlorophylla*

Depth: 1112 Bottom: Sample:

Wind: Direction, *South* Force, *3*

Sea: *44* Sky: *bc*

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Air	63°						
Surf	57-0						
7							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gm*

Transparency:

REMARKS:

11—5314

11-5314
 Call of Quail; 1st. Singing
 Prairie 4.15.1919

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect. sounding, 30 th fathoms, 1.00 fathoms ✓				

11-5314

NOTES P.M.

Down 72	Up
1:46:30	1:48:45
1:47:20	1:47:30

Position: Tillamook Head Light bears $N 59^{\circ} E$
distant 28.3 miles (1 mile)
Chart 6100

Station No. H 63

Date:

191

Hour: 2:03:55 P. M. to 2:06:15 P. M.

Position: Lat. _____ Long. _____

Locality: *W. California Coast*

Depth: 117. Bottom: (211) Sample:

Wind: Direction, *from S. by E.* Force, *3*

Sea: *M.* Sky: *ocnw*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	67° 54°						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gn*

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect Launching, 30 th Lead; soft shape armings.				

11-5314

NOTES P.M.DownUp

2:03:55

2:06:15

2:04:40

2:05:00

Position; Tillamook Head Light bears N 59° E
(true) distant 27.5 miles
Chart 6100

Station No. *H 6535*

Date:

191. 4-

Hour: 2:21:10 P. M. to 2:23:55 P. M.

Position: Lat. _____ Long. _____

Locality: Off Oregon Coast

Depth: 120 fms Bottom: g.m. Silt Sample:

Wind: Direction, *South* Force, *3*

Sea: *RM* Sky: *ocm*

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gr*

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Net Sounding,</i> <i>30th Lead, 50th</i> <i>50th 100th</i>				

11-5314

NOTES P.M.

<i>DOWN</i>	<i>UP</i>
<i>2:21:10</i>	<i>2:23:55</i>
<i>2:22:10</i>	<i>2:22:20</i>

Position: Tillamook Head Light bears N 59° E
(true) distant 30.5 miles,
Chart 6100

1916-

Hour: 2:38:50 P.M. to 2:41:55 P.M.

Position: Lat. _____ Long. _____

Locality: *San Juan, Puerto Rico*

Depth: 142 fathoms Bottom: fine sh. Sample:

Wind: Direction, *SE* Force, *5*

Sea: *24* Sky: *ocm*

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
air	64°						
Surf.	64°						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gn*

Transparency:

REMARKS:

11—5314

Off of Cash: Pitt. & Co.
Records: G. B. Co.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>6 fathoms, bottom, by lead arming.</i>				

11—531 d

NOTES

P.M.

Dow22

Up

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

3:55 PM

2:39:50

2140:00

Position; Tillamook Head Light bears N 59° E
(true) distant 31.5 miles.
Chart 6100

Station No. *H 654*

Date: 11/11/2011

191.

Hour: 2:56:35 P. M. to 2:57:50 P. M.

Position: Lat. _____ Long. _____

Locality: *6000 ft. - 6000 ft.*

Depth: 100 Bottom: () Sample:

Wind: Direction, *South* Force, *3*

Sea: *M* Sky: *bcm*

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gn*

Transparency:

REMARKS:

11—5314

Wm. H. Beck: Pres. & Secy
Proctor: B. H. Long

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
30 th Lead, soft soap				

11-5314

NOTES *PM*

DOWN 12 Up.

2:56:35 2:59:50

2:57:50 2:58:00

Position: Tillamook Head Light bears $N 59^{\circ} E$ (true)
distant 32.5 miles
Chart 6100

Station No. 27 4236

Date: 11/11/11

191. / ---

Hour: 3:34:40 P. M. to 3:37:50 P. M.

Position: Lat. _____ Long. _____

Locality: *Ad.*

Depth: 10 Bottom: Sample:

Wind: Direction, *South* Force, *3*

Sea: *M* Sky: *bcsu*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	54°						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gr*

Transparency:

REMARKS:

11—5314

Records: C. E. Hudson

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect sounding, 30 th Lead, soft soap sounding.				

11-5314

NOTES P.M.

Down Up
2:34:30 3:36:10
2:36:30 3:36:10

Position; Cape Mearns Light bears S70° E (true)
distant 28.3 miles
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect sounding, 30# lead, soft soap arming.				

11-5314

NOTES PM

Down Up

3 45 45 2 15 15

3 45 45 2 15 15

*Position: Cape Mearns light bears S 69 1/2° E (true)
distant 27.2 miles.
Chart 6100*

(27)

Station No. 1000

Date: 12/12/2011

1914

Hour: 4:30 P. M. to 4:42 P. M.

Position: Lat. _____ Long. _____

Locality: Off Columbia River

Depth: 100 Bottom: Sample:

Wind: Direction, 0 Force, 3

Sea: 27 Sky: bc

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Air	62						
Sur	54						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *gll*

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Ice sounding soft lead 60 ft soap				

11-5314

NOTES

R/H

Down UP

4.11.30 4.14.20
4.12.20 4.12.50

Position: Cape Mearns light bears S 69° E (true)
distant 25.9 miles
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Elect sounding 30 th Lead Soft soap				

11-5314

NOTES

PM

Down

U. P

4.28.30

4.20.50

4.29.10

4.29.30

Position: Cape Mearns Light bears S 68° E (true)
distant 24.5 miles
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Sp. dead</i>				

11-5314

NOTES

PM

Down UP

4.44.45

4.47.10

4.48.30

4.48.40

Position: Cape Mearns Light bears S $67\frac{1}{2}^{\circ}$ E (true)
 distant 23.2 miles
 Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

P 14

Down

Up

S. 01.30

S. 03.40

S. 02.15

S. 02.30

Position; Cape Mearns Light bears S $66\frac{1}{2}^{\circ}$ E (true)
distant 22.1 miles.

Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Shrimps</i> <i>300</i> <i>200</i>				

11-5314

NOTES

Down 21 10
5.17.30 5.19.45
5.21.21

*Position: Cape Mearns Light bears S 65 1/2° E (true)
distant 20.7 miles*
Chart 6100

191

M.

Long.

Locality: 04-2

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

191 §

Hour: P. M. to P. M.

Position: Lat. _____ Long. _____

Locality: W. L. ...

Depth: Bottom: Sample:

Wind: Direction, *40-50* Force, *2-3*Sea: Sky: *W*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

6335-

Date:

Sept. 7

1914-

Hour: 6:34 A.M. to 6:36 P.M.

Position: Lat. _____ Long. _____

Locality:

Depth: 1110 Bottom: Sample:

Wind: Direction, *SE* Force, *10*

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>61</i> <i>30" 1</i> <i>1/2</i>				

11-5314

NOTES

Position; Cape Mearns Light bears S 72 1/2° E
(true) distant 23.6 miles
Chart 6100

191 5

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Station 1000</i> <i>2nd 1000</i> <i>1000 ft deep</i>				

11-5314

NOTES

Position: Cape Meares Light bears S $74\frac{1}{2}^{\circ}$ E
(true) distant 24.3 miles
Chart 6100

Station No. H 6337 Date: Sept 7 1915

Hour: 8:00 A.M. to 12:00 P.M.

Position: Lat. _____ Long. _____

Locality:

Depth: 62 Bottom: fine sand Sample:

Wind: Direction, *SE (72)* Force,

Sea: 44 Sky: 40

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 100% 4000 OHM 500K

191

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
11				

11-5314

NOTES

5.27.50 *7.31.5*
11 20 20 *11 20 20*

Position: Cape Mearns Light bears S 77° E
 (true) distant 25.8 miles
 Chart 6100

Station No. H 6339 Date: Aug 2 1911

Hour: 8:03:50 C. M. to 8:06:40 C. M.

Position: Lat. _____ Long. _____

Locality: _____

Depth: 119.0 Bottom: Sample:

Wind: Direction, *N.E.* Force, *2*

Sea: *M.* Sky: *bc*

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS: *201. 1. 1.* *17. 1. 1.* *18. 1. 1.* *19. 1. 1.* *20. 1. 1.* *21. 1. 1.* *22. 1. 1.* *23. 1. 1.* *24. 1. 1.* *25. 1. 1.* *26. 1. 1.* *27. 1. 1.* *28. 1. 1.* *29. 1. 1.* *30. 1. 1.* *31. 1. 1.* *32. 1. 1.* *33. 1. 1.* *34. 1. 1.* *35. 1. 1.* *36. 1. 1.* *37. 1. 1.* *38. 1. 1.* *39. 1. 1.* *40. 1. 1.* *41. 1. 1.* *42. 1. 1.* *43. 1. 1.* *44. 1. 1.* *45. 1. 1.* *46. 1. 1.* *47. 1. 1.* *48. 1. 1.* *49. 1. 1.* *50. 1. 1.* *51. 1. 1.* *52. 1. 1.* *53. 1. 1.* *54. 1. 1.* *55. 1. 1.* *56. 1. 1.* *57. 1. 1.* *58. 1. 1.* *59. 1. 1.* *60. 1. 1.* *61. 1. 1.* *62. 1. 1.* *63. 1. 1.* *64. 1. 1.* *65. 1. 1.* *66. 1. 1.* *67. 1. 1.* *68. 1. 1.* *69. 1. 1.* *70. 1. 1.* *71. 1. 1.* *72. 1. 1.* *73. 1. 1.* *74. 1. 1.* *75. 1. 1.* *76. 1. 1.* *77. 1. 1.* *78. 1. 1.* *79. 1. 1.* *80. 1. 1.* *81. 1. 1.* *82. 1. 1.* *83. 1. 1.* *84. 1. 1.* *85. 1. 1.* *86. 1. 1.* *87. 1. 1.* *88. 1. 1.* *89. 1. 1.* *90. 1. 1.* *91. 1. 1.* *92. 1. 1.* *93. 1. 1.* *94. 1. 1.* *95. 1. 1.* *96. 1. 1.* *97. 1. 1.* *98. 1. 1.* *99. 1. 1.* *100. 1. 1.* *101. 1. 1.* *102. 1. 1.* *103. 1. 1.* *104. 1. 1.* *105. 1. 1.* *106. 1. 1.* *107. 1. 1.* *108. 1. 1.* *109. 1. 1.* *110. 1. 1.* *111. 1. 1.* *112. 1. 1.* *113. 1. 1.* *114. 1. 1.* *115. 1. 1.* *116. 1. 1.* *117. 1. 1.* *118. 1. 1.* *119. 1. 1.* *120. 1. 1.* *121. 1. 1.* *122. 1. 1.* *123. 1. 1.* *124. 1. 1.* *125. 1. 1.* *126. 1. 1.* *127. 1. 1.* *128. 1. 1.* *129. 1. 1.* *130. 1. 1.* *131. 1. 1.* *132. 1. 1.* *133. 1. 1.* *134. 1. 1.* *135. 1. 1.* *136. 1. 1.* *137. 1. 1.* *138. 1. 1.* *139. 1. 1.* *140. 1. 1.* *141. 1. 1.* *142. 1. 1.* *143. 1. 1.* *144. 1. 1.* *145. 1. 1.* *146. 1. 1.* *147. 1. 1.* *148. 1. 1.* *149. 1. 1.* *150. 1. 1.* *151. 1. 1.* *152. 1. 1.* *153. 1. 1.* *154. 1. 1.* *155. 1. 1.* *156. 1. 1.* *157. 1. 1.* *158. 1. 1.* *159. 1. 1.* *160. 1. 1.* *161. 1. 1.* *162. 1. 1.* *163. 1. 1.* *164. 1. 1.* *165. 1. 1.* *166. 1. 1.* *167. 1. 1.* *168. 1. 1.* *169. 1. 1.* *170. 1. 1.* *171. 1. 1.* *172. 1. 1.* *173. 1. 1.* *174. 1. 1.* *175. 1. 1.* *176. 1. 1.* *177. 1. 1.* *178. 1. 1.* *179. 1. 1.* *180. 1. 1.* *181. 1. 1.* *182. 1. 1.* *183. 1. 1.* *184. 1. 1.* *185. 1. 1.* *186. 1. 1.* *187. 1. 1.* *188. 1. 1.* *189. 1. 1.* *190. 1. 1.* *191. 1. 1.* *192. 1. 1.* *193. 1. 1.* *194. 1. 1.* *195. 1. 1.* *196. 1. 1.* *197. 1. 1.* *198. 1. 1.* *199. 1. 1.* *200. 1. 1.* *201. 1. 1.* *202. 1. 1.* *203. 1. 1.* *204. 1. 1.* *205. 1. 1.* *206. 1. 1.* *207. 1. 1.* *208. 1. 1.* *209. 1. 1.* *210. 1. 1.* *211. 1. 1.* *212. 1. 1.* *213. 1. 1.* *214. 1. 1.* *215. 1. 1.* *216. 1. 1.* *217. 1. 1.* *218. 1. 1.* *219. 1. 1.* *220. 1. 1.* *221. 1. 1.* *222. 1. 1.* *223. 1. 1.* *224. 1. 1.* *225. 1. 1.* *226. 1. 1.* *227. 1. 1.* *228. 1. 1.* *229. 1. 1.* *230. 1. 1.* *231. 1. 1.* *232. 1. 1.* *233. 1. 1.* *234. 1. 1.* *235. 1. 1.* *236. 1. 1.* *237. 1. 1.* *238. 1. 1.* *239. 1. 1.* *240. 1. 1.* *241. 1. 1.* *242. 1. 1.* *243. 1. 1.* *244. 1. 1.* *245. 1. 1.* *246. 1. 1.* *247. 1. 1.* *248. 1. 1.* *249. 1. 1.* *250. 1. 1.* *251. 1. 1.* *252. 1. 1.* *253. 1. 1.* *254. 1. 1.* *255. 1. 1.* *256. 1. 1.* *257. 1. 1.* *258. 1. 1.* *259. 1. 1.* *260. 1. 1.* *261. 1. 1.* *262. 1. 1.* *263. 1. 1.* *264. 1. 1.* *265. 1. 1.* *266. 1. 1.* *267. 1. 1.* *268. 1. 1.* *269. 1. 1.* *270. 1. 1.* *271. 1. 1.* *272. 1. 1.* *273. 1. 1.* *274. 1. 1.* *275. 1. 1.* *276. 1. 1.* *277. 1. 1.* *278. 1. 1.* *279. 1. 1.* *280. 1. 1.* *281. 1. 1.* *282. 1. 1.* *283. 1. 1.* *284. 1. 1.* *285. 1. 1.* *286. 1. 1.* *287. 1. 1.* *288. 1. 1.* *289. 1. 1.* *290. 1. 1.* *291. 1. 1.* *292. 1. 1.* *293. 1. 1.*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

8.04.50 8.05.00

Position: Cape Mearns Light bears S 77° E
 (true) distant 23.9 miles
 Chart 6100

Station No. H 6340 Date: Sept 7 1911

Hour: 8:23:40 P.M. to 8:26:10 P.M.

Position: Lat. _____ Long. _____

Locality: (

Depth: *ca 10 m depth* Bottom: *V* Sample:

Wind: Direction, *SE* Force, *2*

Sea: *bc* Sky: *bc*

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
30'				

11-5314

NOTES

8:23:40 8:26:10
 8:24:30 8:24:40

Position: Cape Mearns light bears S 77° E (true)
 distant 22.9 miles
 Chart 6100

Station No. A 6341 Date: Sept 7 1911

Hour: 8:41:55 P. M. to 8:44:10 P. M.

Position: Lat. Long.

Locality: Off Oregon Coast

Depth: 105-110 Bottom: Green Sample:

Wind: Direction, *N.E. or* Force, *2*

Sea: *Blue* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	62° 58°						

CURRENTS

[illegible]

Color of water: .

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Position: Cape Mearns Light bears ^(true) S 77° E,
distant 21.09 miles
Chart 6100

1914

Hour: 9:00:00 P. M. to 9:00:02 P. M.

Position: Lat. _____ Long. _____

Locality: *Ch...*

Depth: 1200 Bottom: 11 Sample:

Wind: Direction, *Off S. 20.* Force, *2*

Sea: *bc* Sky: *bc*

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
30 th lead, soft soap arming				

11-5314

NOTES P.M.

Down Up
 9:00:00 9:02:10
 9:00:40 9:00:45

Position: Cape Mearns Light bears S77°E
 (true) distant 20.9 miles
 Chart 6100

1916—

Hour: 9:18:50 P.M. to 9:20:25 P.M.

Position: Lat. Long.

Locality: Off Oregon Coast

Depth: 25 fathoms Bottom: 25 fms. Sample:

Wind: Direction, *W.S.W.* Force, *2*

Sea: *B.* Sky: *b.*

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

Col. of Books: *Handwriting*
Review *E. H. Burton*

11 / 12 / 13

447

191

A. M. to P. M.

Position: Lat. Long.

Locality: C

Depth: 91 Bottom: green Sample:

Wind: Direction, Force,

Sea: 0000 Sky: 0000

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____

Transparency:

REMARKS: /

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Elect. net</i> <i>30 lb. lead</i> <i>arming: soft coral</i>				

11-5314

NOTES P.M.

Down 72 *Up 79*

Position: Cape Mearns Light bears S 77° E (true)
distance 17.9 miles
Chart 6100

Station No. 6343 Date: Dec 8 1911

Hour: 2:28:10 A. M. to 2:30:21 A. M.

Position: Lat. Long.

Locality:

Depth: 122 Bottom: 122 Sample:

Wind: Direction, *W, N, W* Force, *4*

Sea: 21 Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	SV						
	92						

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>3000 fathoms</i> <i>Arming soft soap</i>				

11-5314

NOTES

Position: Cape Mearns Light bears $S 84\frac{1}{2}^{\circ} E$
 (true) distant 17.4 miles,
 Chart-6100

Date:

1915

Position: Lat. _____ Long. _____

Locality:

Depth: 285 Bottom: 210 Sample:

Wind: Direction, *W. 1/2 S.* Force, *1-2*

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *See Deck 111-1100*

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<p>30# lead</p> <p>very soft soap</p>				

11-5714

NOTES

Position: Cape Mearns Light bears $S 88^{\circ} E$ (true)
distant 18.4 miles.
Chart 6100

Date:

1915

Position: Lat. _____ Long. _____

Locality:

Depth: 101 fms Bottom: () Sample:

Wind: Direction, 20 27 25 Force, 2

Sea: *ln* Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	53						

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS: 10/11/55 - Mr. Miller

11—5314

4147

Ad. 11

191 ϵ^-

Hour: 0 A. M. to 6:30 P. M.

Position: Lat. _____ Long. _____

Locality:

Depth: 18 fm Bottom: Clean L. Sample:

Wind: Direction, *10 N W* Force,

Sea: *in* Sky: *10c.*

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<p> <i>Elec Sounding</i> <i>21 # Lead</i> <i>Soft Soap</i> </p>				

11—5314

NOTES.

A M

Down UP

8.16.50	8.19.10
8.17.50	8.18.00

Position: Cape Mearns Light bears S 86° E
(true) distant 20.4 miles

A 6-19

Date:

Sept 8

1915

Hour: 11:00 A.M. to 12:00 P.M.

M. to

M.

Position: Lat.

Long.

Locality:

Depth:

133 E.

Bottom:

Wed

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Rec - B. B. B.

11—5114

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Soft soap				

11-5314

NOTES

AM

Down UP

8.33.40

8.36.45

8.34.40

8.34.50

Position: Cape Mearns Light bears S 87° E
(true) distant 21.4 miles
Chart 6100

1918

Hour: 8.57.10 A.M. to 8.55.00 A.M.

Position: Lat. _____ Long. _____

Locality:

Depth: 11 fms Bottom: Sample:

Wind: Direction, *WNW* Force, *1-2*

Sea: *IN* Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5114

Rlc - Blaker

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1000 ft soap				

11-5314

NOTES

2000 260

8.51.30 8.58.00
8.52.30 8.52.40

Position: Cape Mearns Light bears $S 87\frac{1}{2}^{\circ} E$
(true) distant 22.4 miles
Chart 6100

Station No.

Date: _____

1915

Hour: 7:00 A. M. to 1:00 P. M.

Position: Lat. _____ Long. _____

Locality: (15) Oregon coastal

Depth: 442m Bottom: G Sample:

Wind: Direction, 60 + 27 Force, 1

Sea: *m* Sky: *bcl*

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Date: _____

191

Position: Lat. _____ Long. _____

Locality:

Depth: 1000 Bottom: 1000 Sample:

Wind: Direction, *W + N* Force, *1*

Sea: *m* Sky:

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sur	59						
Sur	53						

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Dear Mr. Hopley

NETS, ETC., USED

[illegible]

11—5314

NOTES

Down U. P.

9,27,15	9,30,00
9,28,15	9,28,25

328, 15 229, 21

Position: Cape Mearns Light bears $N 88^{\circ} E$
(true) distant 19.2 miles
Apr. 6 1900

1915

11-5314

CC - Mr. L. H. ...
Rec - Blaker

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
6-1 sounding 34# Lead 12 ft 200 ft				

11-5314

NOTES

A 131

Down 0170

9:42.30

9:53.30

9:55.30

10:43.30

Position: Cape Mearns Light bears N 86° E
(true) distant 18.2 miles
Chart 6100

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

A M

Down 21 P

10,02,00 10,04,10
 10,02,40 10,02,45

Position: Cape Mearns Light bears N 89° E
 (true) distant 17.2 miles
 Chart 6100

A-6355

19.

191 §

Hour: 9.00 A.M. to 10.00 A.M.

Position: Lat. _____ Long. _____

Lat. 37° 15' N Long. 122° 15' W
Off Oregon

Depth: 95.3m Bottom: Dr. Sample:

Wind: Direction, *20 x 7* Force,

Sea: n Sky: b-c

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

11-
J. M. Ingham
Rec - Baker

NETS, ETC., USED

[illegible]

11—5314

NOTES

4/17

Down UP

10,36,00	10,37,10
10,36,20	10,36,40

Position: Cape measures Light bears $N 79^{\circ} E$
(true) distant 15.1 miles.
Chart 6100

Station No. *H 6257* Date: *Sept 1* 191*5*

Hour: *11:30* . M. to *12:00* . M.

Position: Lat. _____ Long. _____

Locality: *Off Cape Cod*

Depth: *75 fms* Bottom: *fine sand* Sample: _____

Wind: Direction, *WNW* Force, *1*

Sea: *M* Sky: *bc*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>27</i>						
<i>10</i>							
<i>20</i>							
<i>30</i>							
<i>40</i>							
<i>50</i>							
<i>60</i>							
<i>70</i>							
<i>80</i>							
<i>90</i>							
<i>100</i>							
<i>110</i>							
<i>120</i>							
<i>130</i>							
<i>140</i>							
<i>150</i>							
<i>160</i>							
<i>170</i>							
<i>180</i>							
<i>190</i>							
<i>200</i>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: *50 fms - No. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000*
Rec - Blaker

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
W. Soundings 200 fathoms 200 fathoms				

11-5314

NOTES

A M

Down UP

11.00.30 11.02.40
11.11.15 11.12.15

Position: Cape Mearns Light bears $N 77\frac{1}{2}^{\circ} E$
(true) distant 16.5 miles.
Chart 6100

191

1770 A. M. to 1120.02 A. M.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction

Force,

Sea:

Sky:

[illegible]

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

cc. 10

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>Blue Soundings</i>				

11—5314

NOTES

Down 4F
17.40 11.20.02
5.40 11.18.25

Position: Cape Mearns light bears $N 75^{\circ} \frac{3}{4} E$
(true) distant 17.3 miles.
Chart 6100

Station No. H 6359 Date: Sept 8 1915

Hour: 11.35.10 A. M. to 11.37.30 A. M.

Position: Lat. _____ Long. _____

Locality: Off Oregon Coast

Depth: 117 m Bottom: clean sand Sample:

Wind: Direction, West Force, 25

Sea: *M.* Sky: *bc*

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

OOD - Mr Shepley
Rec - Parker.

11—5314

NETS, ETC., USED

[illegible]

11—5314

NOTES

A 14

Down UP
11.35.10 11.37.30
11.35.53 11.36.00

Position: Cape Mearns Light bears $N 74^{\circ} E$
(true) distant 18.3 miles
Chart 6100

6360

Date:

Sept 8

191 J

Hour:

11.54.40 A. M. to 11.56.50 A. M.

Position: Lat.

Long.

Locality:

Off Oregon coast

Depth:

Bottom: *fine gy sand*

Sample:

Wind: Direction.

Meet

Force,

2

Sea:

M.

Sky:

be

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

8: OOD - Mr Shepley
Rec - Parker

Ree - Parker

Picked up five fathoms + dropped
lead again to secure good specimen off bottom

NETS, ETC., USED

[illegible]

11—5314

NOTES

AM

Down UP

	11.52.40	11.56.50
*	11.54.45	11.55.00

Position: Cape Mearns Light bears $N 72\frac{1}{2}^{\circ} E$
(true) distant 19.4 miles
Chart 6100

This book checked
R.T.D.